



Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)	Docket Number 393032015900	Application Number 08/456,877
	Applicant Masahiro SHIMIZU	
	Filing Date: December 8, 1999	Group Art Unit: 2837

U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
<i>ms</i>	1.	04/06/93	5,200,564	R. Usami et al.			
<i>ms</i>	2.	11/25/97	5,691,493	R. Usami et al.			
<i>ms</i>	3.	12/10/96	5,584,034	R. Usami et al.			

FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO
<i>ms</i>	4.	02/28/89	64-52196	Japan			Partial
<i>ms</i>	5.	02/27/92	4-62595	Japan			X (see U.S. art)
<i>ms</i>	6.	05/11/92	4-136994	Japan			Partial
<i>ms</i>	7.	11/04/94	6-308958	Japan			Partial

OTHER DOCUMENTS

(including author, title, Date, Pertinent Pages, Etc.)

Examiner Initials	Ref. No.	Title

EXAMINER:

Walter D. Hatch

DATE CONSIDERED:

4/3/03

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.